

FIG. 1

0904485-062101

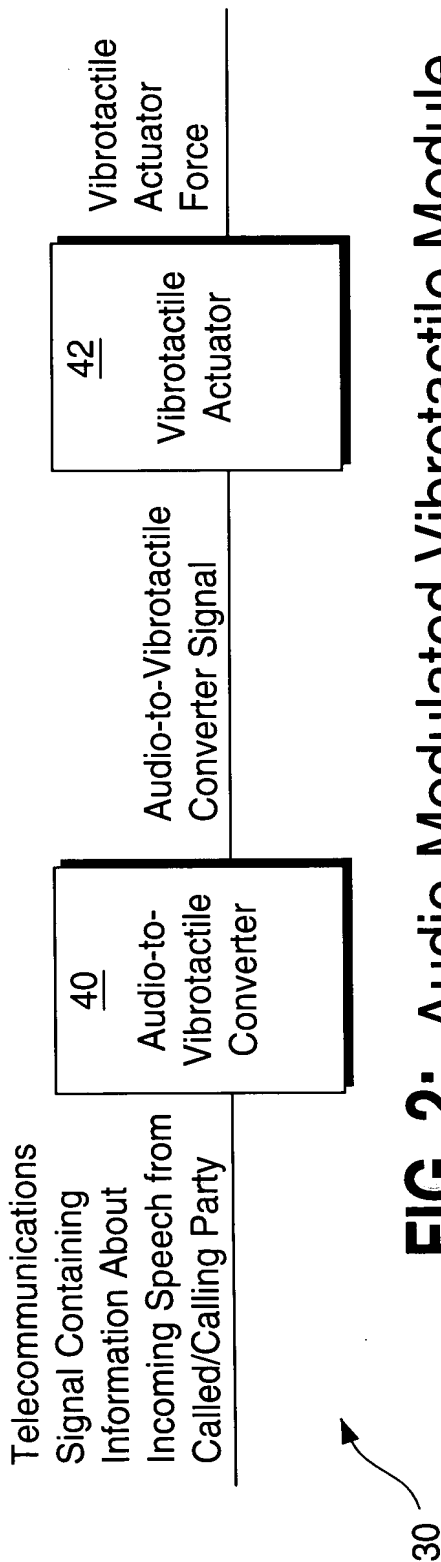


FIG. 2: Audio-Modulated Vibrotactile Module

FIG. 4

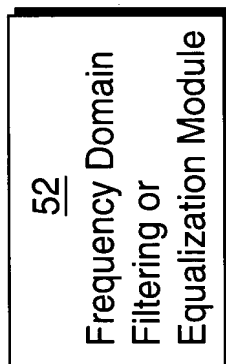


FIG. 5

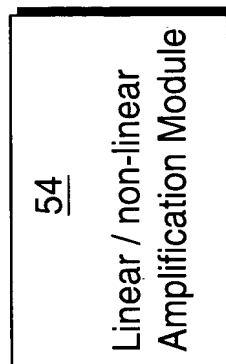


FIG. 6

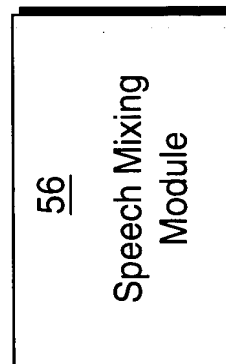


FIG. 3

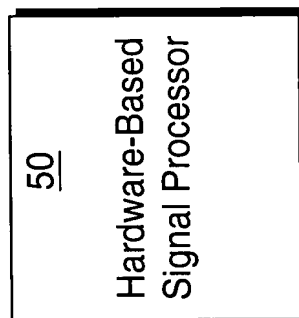
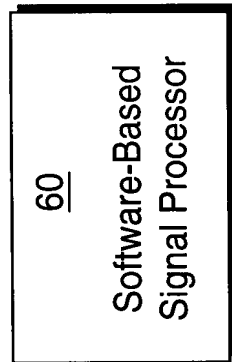


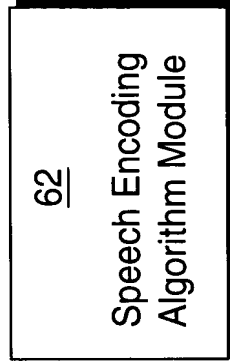
FIG. 7



60

Software-Based
Signal Processor

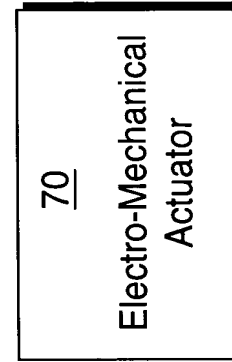
FIG. 8



70

Electro-Mechanical
Actuator

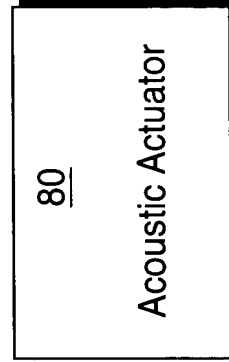
FIG. 9



80

Acoustic Actuator

FIG. 10



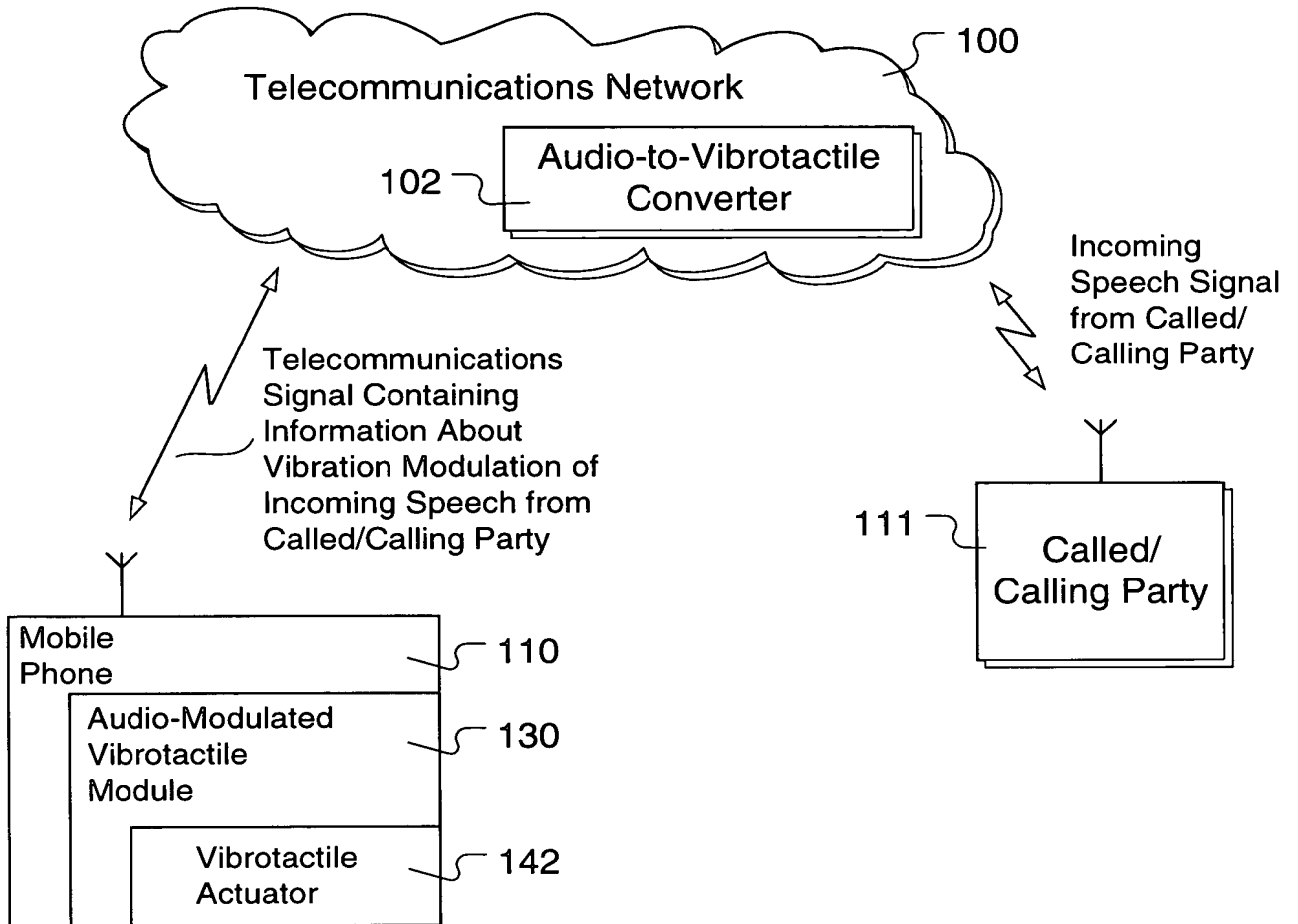


FIG. 11

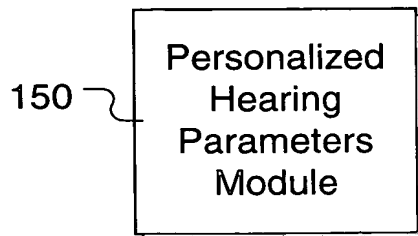


FIG. 12